

Listing of the Claims:

1-23. (canceled)

24. (previously presented) An isolated protein comprising amino acid residues 19 to 79 of SEQ ID NO:56.

25. (previously presented) The isolated protein of claim 24 which comprises amino acid residues 2 to 79 of SEQ ID NO:56.

26. (previously presented) The isolated protein of claim 24 which comprises amino acid residues 1 to 79 of SEQ ID NO:56.

27. (previously presented) The protein of claim 24 which further comprises a polypeptide sequence heterologous to SEQ ID NO:56.

28. (previously presented) A composition comprising the protein of claim 24 and an acceptable carrier.

29. (previously presented) An isolated protein produced by the method comprising:

- (a) expressing the protein of claim 24 by a cell; and
- (b) recovering said protein.

30. (previously presented) An isolated protein comprising the amino acid sequence of the secreted portion of the polypeptide encoded by the HYACJ27 cDNA contained in ATCC Deposit No. PTA-163.

31. (previously presented) The isolated protein of claim 30 which comprises the amino acid sequence of the complete polypeptide encoded by the HYACJ27 cDNA contained in ATCC Deposit No. PTA-163, excepting the N-terminal methionine.

32. (previously presented) The isolated protein of claim 30 which comprises the amino acid sequence of the complete polypeptide encoded by the HYACJ27 cDNA contained in ATCC Deposit No. PTA-163.

33. (previously presented) The protein of claim 30 which further comprises a polypeptide sequence heterologous to SEQ ID NO:56.

34. (previously presented) A composition comprising the protein of claim 30 and an acceptable carrier.

35. (previously presented) An isolated protein produced by the method comprising:

- (a) expressing the protein of claim 30 by a cell; and
- (b) recovering said protein.

36. (previously presented) An isolated first polypeptide at least 90% identical to a second polypeptide consisting of amino acid residues 19 to 79 of SEQ ID NO:56, wherein said first polypeptide is capable of being used to generate or select an antibody that specifically binds the second polypeptide.

37. (previously presented) The isolated polypeptide of claim 36, wherein said first polypeptide is at least 95% identical to said second polypeptide.

38. (previously presented) The isolated first polypeptide of claim 36 which further comprises a polypeptide sequence heterologous to SEQ ID NO:56.

39. (previously presented) A composition comprising the isolated first polypeptide of claim 36 and an acceptable carrier.

40. (previously presented) An isolated protein produced by the method comprising:

- (a) expressing the isolated first polypeptide of claim 36 by a cell; and
- (b) recovering said protein.

41. (previously presented) An isolated first polypeptide at least 90% identical to a second polypeptide consisting of the secreted portion of the polypeptide encoded by the HYACJ27 cDNA contained in ATCC Deposit No. PTA-163, wherein said first polypeptide is capable of being used to generate or select an antibody that specifically binds the second polypeptide.

42. (previously presented) The isolated first polypeptide of claim 41, wherein said first polypeptide is at least 95% identical to the said second polypeptide.

43. (previously presented) The isolated first polypeptide of claim 41 which further comprises a polypeptide sequence heterologous to SEQ ID NO:56.

44. (previously presented) A composition comprising the isolated first polypeptide of claim 41 and an acceptable carrier.

45. (previously presented) An isolated protein produced by the method comprising:

- (a) expressing the isolated first polypeptide of claim 41 by a cell; and
- (b) recovering said protein.

46. (previously presented) An isolated first polypeptide at least 90% identical to a second polypeptide consisting of amino acid residues 1 to 79 of SEQ ID NO:56, wherein said first polypeptide is capable of being used to generate or select an antibody that specifically binds the second polypeptide.

47. (previously presented) The isolated first polypeptide of claim 46, wherein said first polypeptide is at least 95% identical to said second polypeptide.

48. (previously presented) The isolated first polypeptide of claim 46 which comprises a heterologous polypeptide sequence.

49. (previously presented) A composition comprising the isolated first polypeptide of claim 46 and an acceptable carrier.

50. (previously presented) An isolated protein produced by the method comprising:

- (a) expressing the isolated first polypeptide of claim 46 by a cell; and
- (b) recovering said protein.

51. (previously presented) An isolated first polypeptide at least 90% identical to a second polypeptide consisting of the complete polypeptide encoded by the HYACJ27 cDNA contained in ATCC Deposit No. PTA-163, wherein said first polypeptide is capable of being used to generate or select an antibody that specifically binds the second polypeptide.

52. (previously presented) The isolated first polypeptide of claim 51, wherein said first polypeptide is at least 95% identical to said second polypeptide.

53. (previously presented) The isolated first polypeptide of claim 51 which further comprises a polypeptide sequence heterologous to SEQ ID NO:56.

54. (previously presented) A composition comprising the isolated first polypeptide of claim 51 and an acceptable carrier.

55. (previously presented) An isolated protein produced by the method comprising:

- (a) expressing the isolated first polypeptide of claim 51 by a cell; and
- (b) recovering said protein.

56. (previously presented) An isolated protein consisting of at least 30 contiguous amino acid residues of amino acid residues 19 to 79 of SEQ ID NO:56, wherein said protein is capable of being used to generate or select an antibody that specifically binds a polypeptide comprised of amino acid residues 19 to 79 of SEQ ID NO:56.

57. (previously presented) The isolated protein of claim 56 which consists of at least 50 contiguous amino acid residues of amino acid residues 19 to 79 of SEQ ID NO:56.

58. (previously presented) The protein of claim 56 which further comprises a polypeptide sequence heterologous to SEQ ID NO:56.

59. (previously presented) A composition comprising the protein of claim 56 and an acceptable carrier.

60. (previously presented) An isolated protein produced by the method comprising:

- (a) expressing the protein of claim 56 by a cell; and
- (b) recovering said protein.

61. (previously presented) An isolated protein consisting of at least 30 contiguous amino acid residues of the secreted portion of the protein encoded by the HYACJ27 cDNA contained in ATCC Deposit No. PTA-163, wherein said first protein is capable of being used to generate or select an antibody that specifically binds the second protein.

62. (previously presented) The isolated protein of claim 61 which consists of at least 50 contiguous amino acid residues of the secreted portion of the polypeptide encoded by the HYACJ27 cDNA contained in ATCC Deposit No. PTA-163.

63. (previously presented) The protein of claim 61 which further comprises a polypeptide sequence heterologous to SEQ ID NO:56.

64. (previously presented) A composition comprising the protein of claim 61 and an acceptable carrier.

65. (previously presented) An isolated protein produced by the method comprising:

- (a) expressing the protein of claim 61 by a cell; and
- (b) recovering said protein.

66. (previously presented) An isolated protein consisting of at least 30 contiguous amino acid residues of amino acid residues 1 to 79 of SEQ ID NO:56, wherein said protein is capable of being used to generate or select an antibody that specifically binds a polypeptide comprised of amino acid residues 1 to 79 of SEQ ID NO:56.

67. (previously presented) The isolated protein of claim 66 which consists of at least 50 contiguous amino acid residues of amino acid residues 1 to 79 of SEQ ID NO:56.

68. (previously presented) The protein of claim 66 which further comprises a polypeptide sequence heterologous to SEQ ID NO:56.

69. (previously presented) A composition comprising the protein of claim 66 and an acceptable carrier.

70. (previously presented) An isolated protein produced by the method comprising:

- (a) expressing the protein of claim 66 by a cell; and
- (b) recovering said protein.

71. (previously presented) An isolated protein consisting of at least 30 contiguous amino acid residues of the complete protein encoded by the HYACJ27 cDNA contained in ATCC Deposit No. PTA-163, wherein said first protein is capable of being used to generate or select an antibody that specifically binds the second protein.

72. (previously presented) The isolated protein of claim 71 which consists of at least 50 contiguous amino acid residues of the complete polypeptide encoded by the HYACJ27 cDNA contained in ATCC Deposit No. PTA-163.

73. (previously presented) The protein of claim 71 which further comprises a polypeptide sequence heterologous to SEQ ID NO:56.

74. (previously presented) A composition comprising the protein of claim 71 and an acceptable carrier.

75. (previously presented) An isolated protein produced by the method comprising:

- (a) expressing the protein of claim 71 by a cell; and
- (c) recovering said protein.

76. (canceled)